

# Sujay Kumar

 [github.com/Suuraw](https://github.com/Suuraw)    [linkedin.com/in/sujay-kumar-4b85b5252](https://www.linkedin.com/in/sujay-kumar-4b85b5252)    [sujayraw13@gmail.com](mailto:sujayraw13@gmail.com)    +91-775-001-5353

## Summary

Computer Science student specializing in DevOps, with expertise in containerization (Docker), CI/CD pipelines (GitHub Actions), and cloud-native workflows (AWS, GCP). Passionate about automating infrastructure and optimizing development pipelines; write technical blogs at [sujay.is-a.dev/blog](https://sujay.is-a.dev/blog).

## Education

### KIIT University

B.Tech, Computer Science and Engineering

Bhubaneswar, Odisha

Expected Sep 2026, CGPA: 8.11/10

## Skills

**Programming:** C, Java, JavaScript, TypeScript, Python

**Web Development:** HTML5, CSS3, Tailwind CSS, React.js, Next.js, Node.js, Express.js, FastAPI, RESTful APIs

**DevOps & Cloud:** Git, GitHub Actions, Docker, AWS (EC2), Google Cloud Platform, Cloudflare

**Databases & Tools:** MongoDB, PostgreSQL, Firebase, Supabase, Prisma ORM, Postman

## Professional Experience

### KIIT E-Cell | *Chief Technology Officer (CTO)*

Sep 2025 – Present

- Spearhead all technical operations of KIIT E-Cell, overseeing development and maintenance of both the official [E-Cell website](#) and the flagship [E-Summit platform](#).
- Designed and deployed an automated payment verification pipeline using **Playwright**, **BillDesk Admin APIs**, and **GitHub Actions** with cron jobs.
- Engineered a headless browser workflow with Playwright to bypass secure login, scrape transaction records via CSS selectors, and generate a real-time `esummit-data.csv` artifact.
- Integrated the pipeline with Firebase backend to automatically update user payment statuses in the `users` collection, ensuring seamless participant onboarding.
- Led infrastructure planning, DevOps workflows, and cloud deployment strategies, driving significant improvements in reliability and automation.

### AGT Pvt Ltd | *Full Stack Developer*

Dec 2024 – April 2025

- Developed responsive UI components for photonBoxx to improve mobile performance. [Contribution Link](#)
- Resolved critical UI bugs, significantly improving application stability and user experience.
- Optimized backend operations for HobbyCue's admin panel, streamlining workflows. [Contribution Link](#)

### IIT Kharagpur | *Research Collaborator*

April 2025 – Jun 2025

- Collaborated with PhD students to develop a proxy index for renewable energy market trends using a data pipeline.
- Utilized generative AI to create signaling keywords for scraping the Scopus database, exported results to Excel, and visualized trends.

## Key Projects

### ApplySmart (<https://www.applysmart.me>)

Next.js, Express, Prisma, MongoDB, AWS | 2025

- Built a career support platform offering AI-powered resume analysis, job application automation, and interview prep tools with ATS scoring system.
- Automated form filling with smart cover letter generation, powered by custom Speech-to-Text integration using Whisper and OpenAI API.

### Watch2Learn (<https://www.watch2learn.app>)

Next.js, FastAPI, Python, Docker | 2025

- Developed a YouTube-based study tool that extracts and summarizes transcripts using generative AI for concise learning with quiz generation.

### Generate Folder Tree (VS Code Extension) [[Marketplace](#)]

JavaScript, Node.js, VS Code API | 2025

- Developed a VS Code extension that programmatically generates directory structures from markdown-style input, published to VS Code Marketplace. 150+ downloads on VS code.

## Extracurricular Achievements

### National Basketball Player | *Competitive Athlete*

2018 – Present

- Represented state and college in national basketball tournaments, demonstrating leadership and teamwork.

### Smart India Hackathon 2024 | *National-Level Competitor*

2024

- Secured Top 50 position among college teams, showcasing problem-solving and collaborative innovation.